

Area - Word Problems

1. A square has an area of 36 square centimetres. How long is each side of the square?
2. Louise bought 80 meters of fencing to make an enclosure for her pet dog, Tommy. If Louise expects a rectangular enclosure, what is the largest area it can have? Explain your answer.
3. Jules has a rectangular garden that measures 10 feet by 12 feet. He wants to plant apples in his garden. His uncle said that one seed packet will be enough to fill a space 40 square feet. Will Jules's garden have enough space to plant 3 seed packets?
4. Mrs. Lewis planted vegetables in a rectangular garden that was 20 feet long and 45 feet wide. She used $\frac{1}{3}$ of the area for brinjals and $\frac{1}{5}$ of it for potatoes. How many square feet are left for other vegetables?
5. What is the length of a rectangle that has an area of 100 ft and a width of 5 ft?
6. What is the area of a square that is 7.5 cm on each side?